

CLAIM AMENDMENTS

Please amend the claims as indicated in the following listing of the claims, which replaces all prior versions thereof.

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Claim 1 (cancelled)

1. (Currently Amended) ~~The method in claim 1, further~~ A method executed by a programmable apparatus, comprising:

a. receiving with a computer a data retrieval request from a graphical user interface (GUI) on a programmable user display device,

b. in response to the retrieval request, accessing with a computer a plurality of disparate digital databases and retrieving with a computer requested data from such databases,

c. assembling with a computer an OLAP cube of the retrieved data, wherein the OLAP cube is assembled dynamically on demand without accessing a multidimensional database of stored retrieved data,

d. displaying the OLAP cube to the user using the GUI,

[[a.]]e. accepting through the GUI a user update of specific data displayed from the assembled OLAP cube,

[[b.]]f. accessing a database relevant to the specific data of the user update, and updating that database dynamically on demand with the specific data of the user update, and

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[[c.]]g. dynamically updating the assembled OLAP cube on demand with the specific data update.

[Claims 3-28 (cancelled)]

2 29. (Currently Amended) ~~The medium in claim 28, further~~ A data storage medium containing instructions programmed to perform a method, the method comprising:

- a. receiving with a computer a data retrieval request from a graphical user interface (GUI) on a programmable user display device,
- b. in response to the retrieval request, accessing with a computer a plurality of disparate digital databases and retrieving with a computer requested data from such databases,
- c. assembling with a computer an OLAP cube of the retrieved data, wherein the OLAP cube is assembled dynamically on demand without accessing a multidimensional database of stored retrieved data,
- d. displaying the OLAP cube to the user using the GUI,
- [[a.]]e. accepting through the GUI a dynamic on demand user update of specific data displayed from the assembled OLAP cube,
- [[b.]]f. accessing an affected constituent database relevant to the specific data of the user update, and dynamically updating that database with the specific data of the user update, and
- [[c.]]g. dynamically on demand updating the assembled OLAP cube with the specific data update.

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[Claims 30-55 (cancelled)]

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36. (Currently Amended) ~~The apparatus in claim 55, further~~ A programmable apparatus comprising:

- a. means to receive a data retrieval request from a graphical user interface (GUI) on a programmable user display device,
- b. means to access, in response to the retrieval request, a plurality of disparate digital databases and to retrieve requested data from such databases,
- c. means to assemble an OLAP cube of the retrieved data, wherein the OLAP cube is assembled dynamically on demand without accessing a multidimensional database of stored retrieved data,
- d. means to display the OLAP cube to the user using the GUI,
- [[a.]]e. means to accept through the GUI a dynamic user update of specific data displayed from the assembled OLAP cube,
- [[b.]]f. means to access a constituent database relevant to the specific data of the user update, and to update that database with the specific data of the user update, and
- [[c.]]g. means to dynamically on demand update the assembled OLAP cube with the specific data update.

[Claims 57-81 (cancelled)]